

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102524\
 Data File : VY020022.D
 Acq On : 25 Oct 2024 13:26
 Operator : SY/MD
 Sample : P4531-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 26 00:21:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

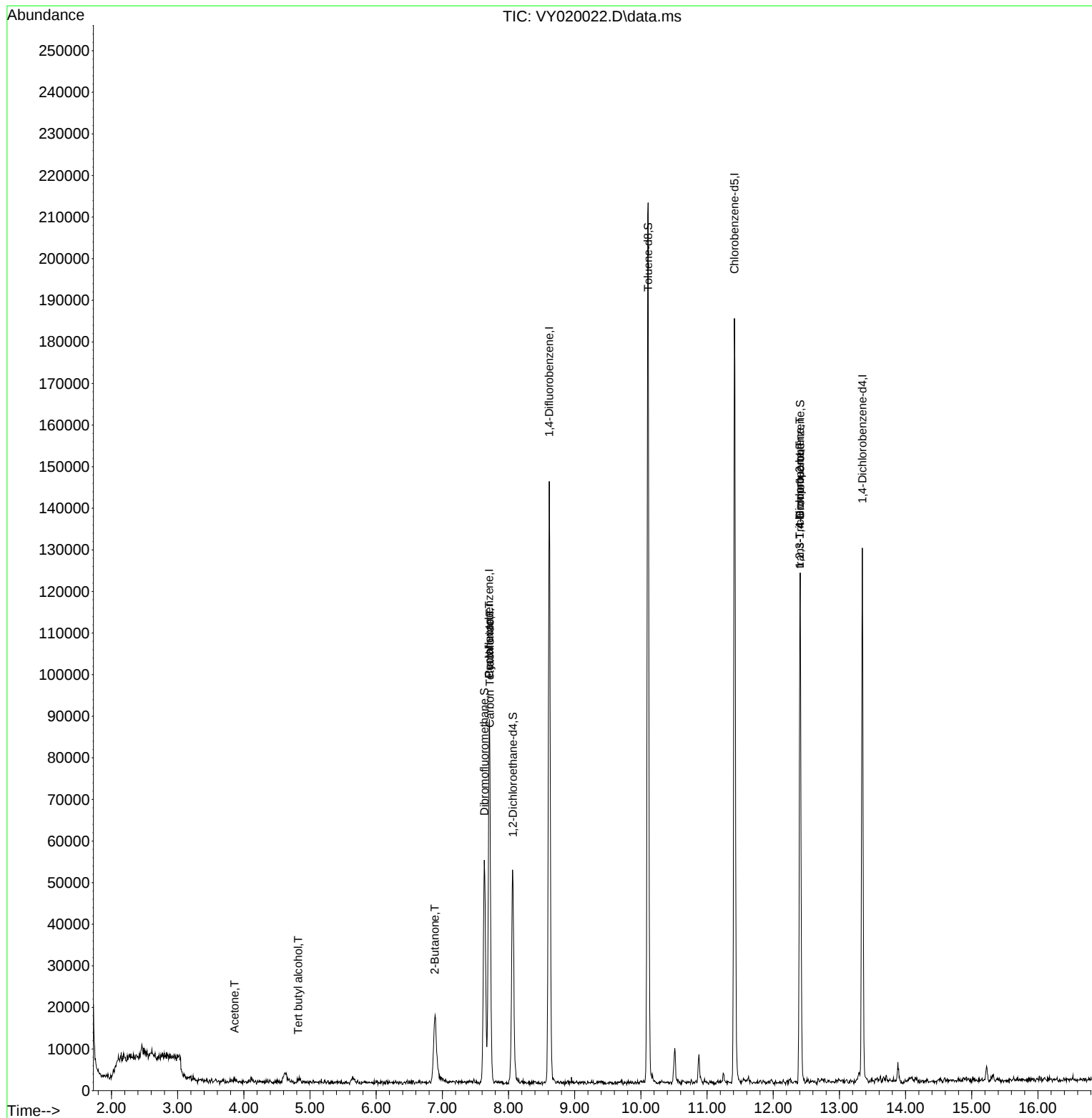
Internal Standards						
1) Pentafluorobenzene	7.707	168	60961	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	113811	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	90633	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	27625	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	39277	52.327	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.660%			
35) Dibromofluoromethane	7.634	113	37187	49.515	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.020%			
50) Toluene-d8	10.109	98	131399	47.378	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 94.760%			
62) 4-Bromofluorobenzene	12.408	95	33891	33.819	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 67.640%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.824	59	1182	2.027	ug/l #	88
16) Acetone	3.860	43	473	2.421	ug/l #	36
25) 2-Butanone	6.884	43	1240	4.741	ug/l #	41
31) Cyclohexane	7.707	56	1812	1.445	ug/l #	40
38) Carbon Tetrachloride	7.719	117	7327	6.317	ug/l #	15
76) 1,2,3-Trichloropropane	12.401	75	20714	38.276	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.401	75	20714	154.497	ug/l #	16

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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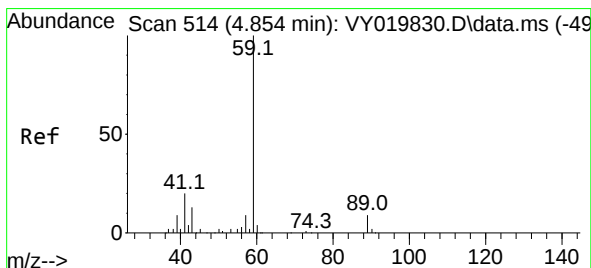
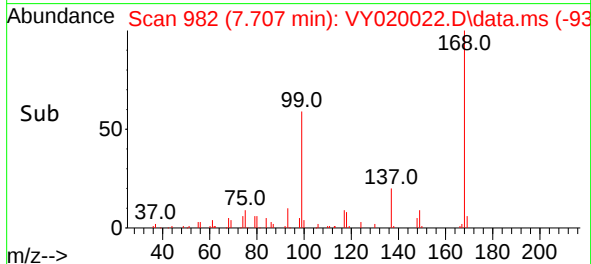
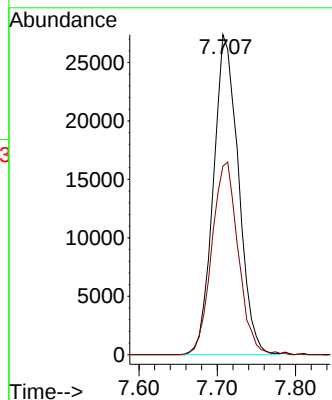
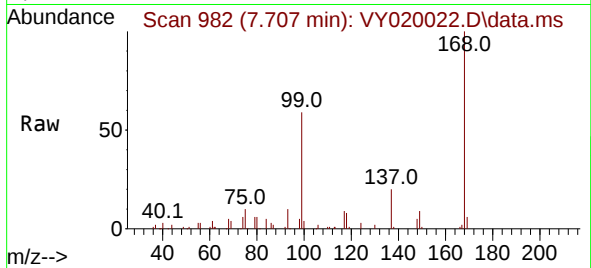




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020022.D
Acq: 25 Oct 2024 13:26

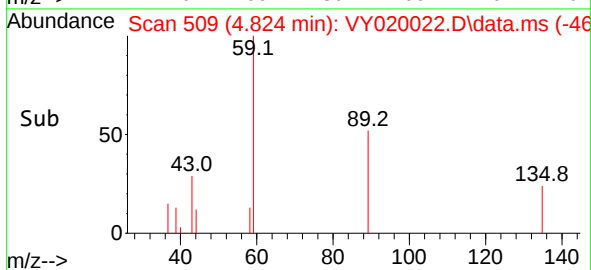
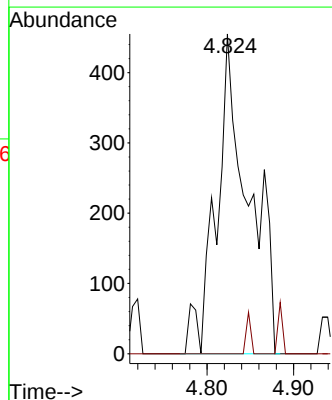
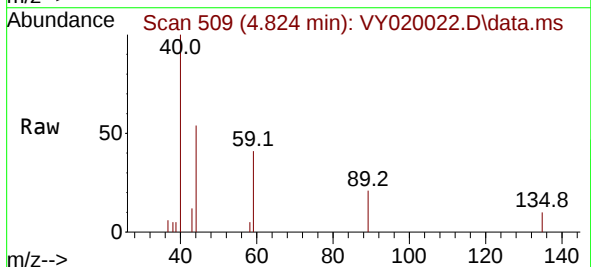
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 60961
Ion Ratio Lower Upper
168 100
99 58.9 39.1 58.7#



#11
Tert butyl alcohol
Concen: 2.027 ug/l
RT: 4.824 min Scan# 509
Delta R.T. -0.036 min
Lab File: VY020022.D
Acq: 25 Oct 2024 13:26

Tgt Ion: 59 Resp: 1182
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#

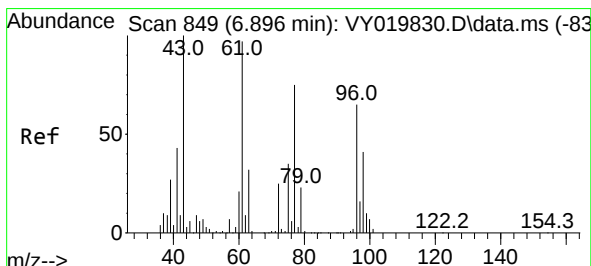
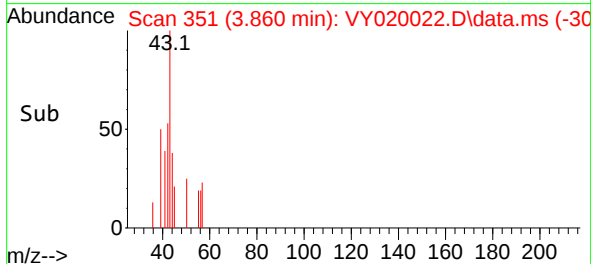
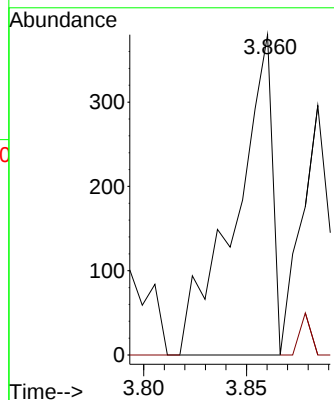
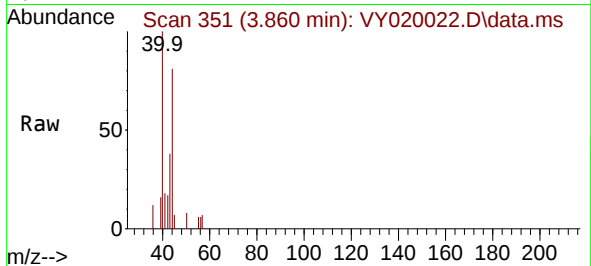




#16
Acetone
Concen: 2.421 ug/l
RT: 3.860 min Scan# 311
Delta R.T. -0.012 min
Lab File: VY020022.D
Acq: 25 Oct 2024 13:26

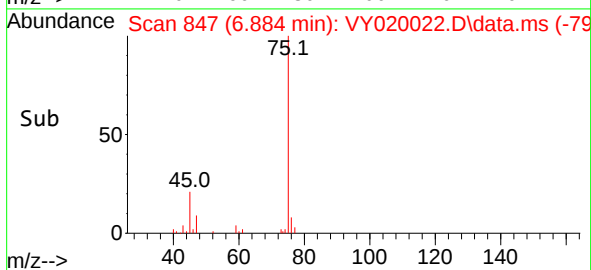
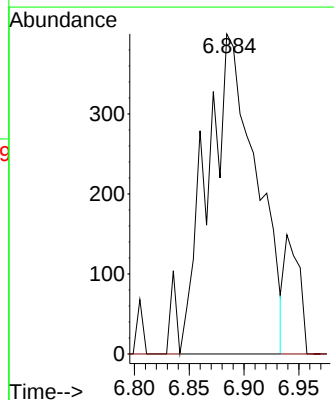
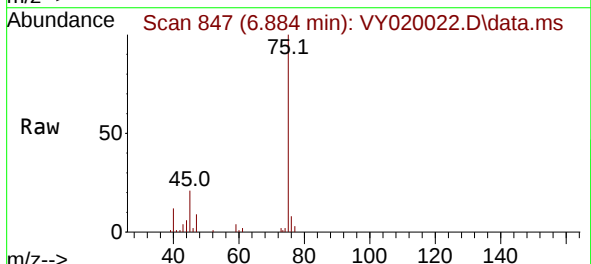
Instrument :
MSVOA_Y
ClientSampleId :

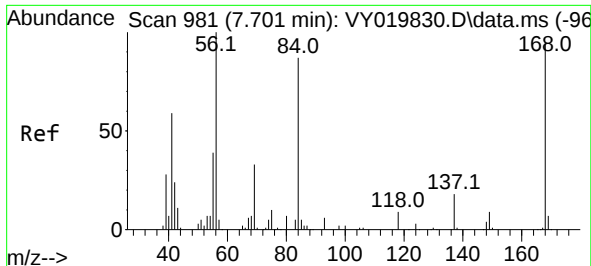
Tgt Ion: 43 Resp: 473
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#



#25
2-Butanone
Concen: 4.741 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY020022.D
Acq: 25 Oct 2024 13:26

Tgt Ion: 43 Resp: 1240
Ion Ratio Lower Upper
43 100
72 0.0 27.3 40.9#

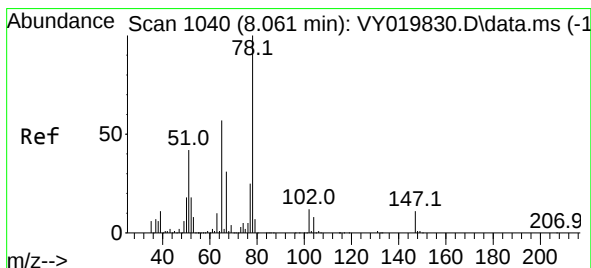
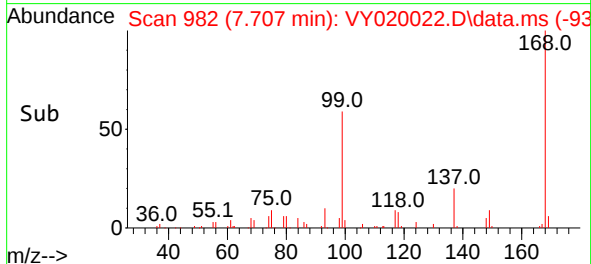
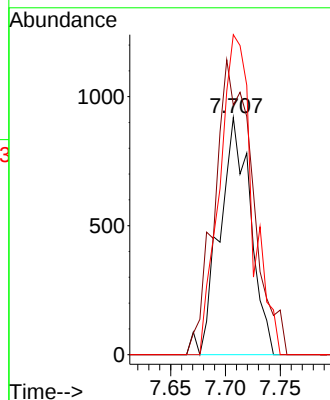
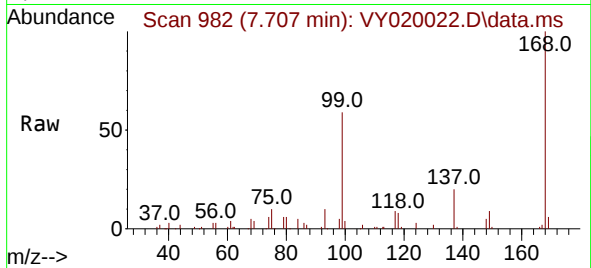




#31
Cyclohexane
Concen: 1.445 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY020022.D
Acq: 25 Oct 2024 13:26

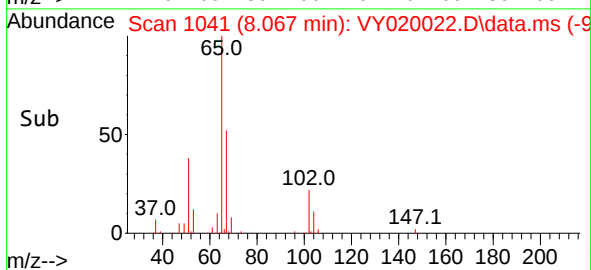
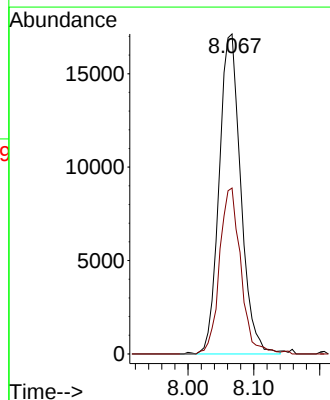
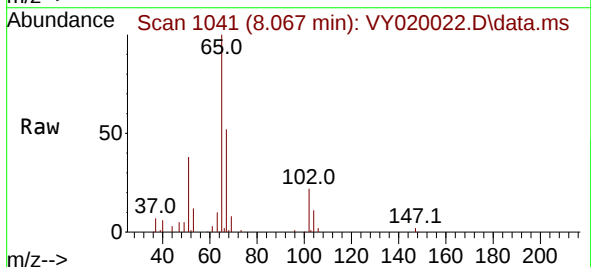
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 56 Resp: 1812
Ion Ratio Lower Upper
56 100
69 105.2 28.7 43.1#
84 134.9 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 52.327 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY020022.D
Acq: 25 Oct 2024 13:26

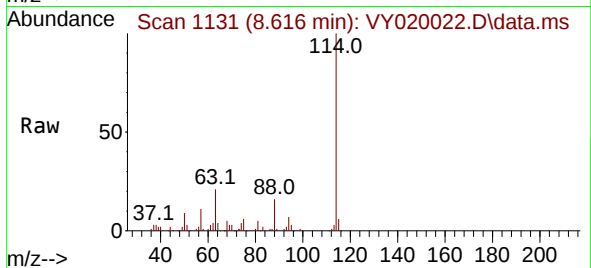
Tgt Ion: 65 Resp: 39277
Ion Ratio Lower Upper
65 100
67 51.0 0.0 109.6



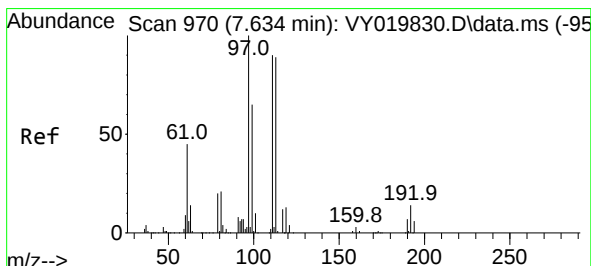
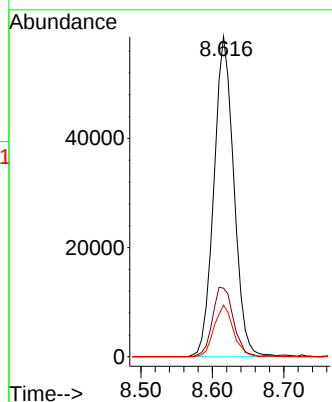
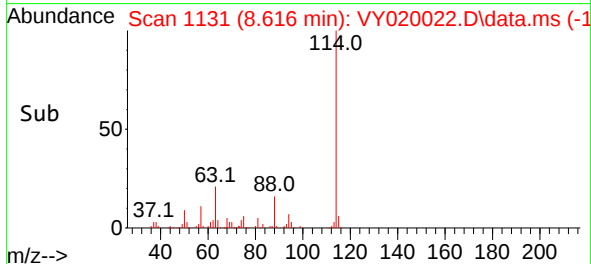


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY020022.D
Acq: 25 Oct 2024 13:26

Instrument :
MSVOA_Y
ClientSampleId :

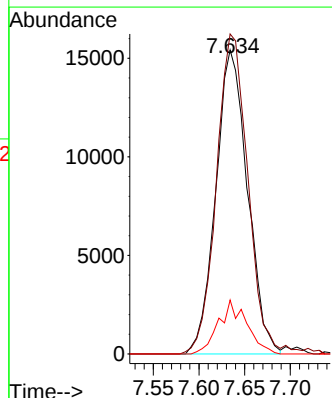
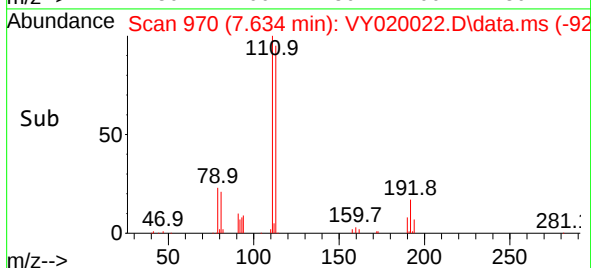
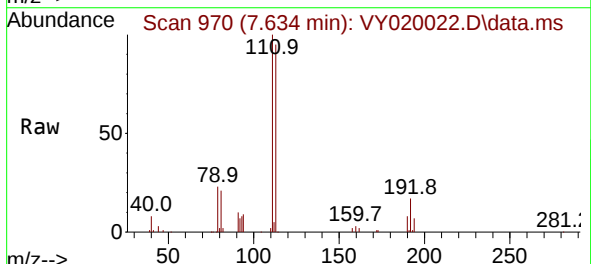


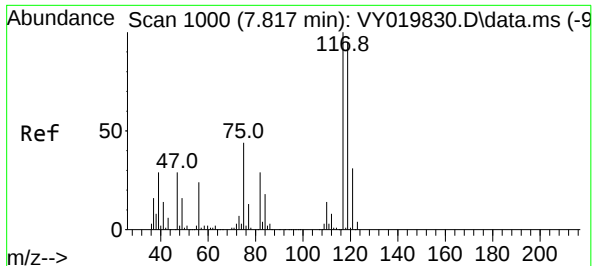
Tgt Ion:114 Resp: 113811
Ion Ratio Lower Upper
114 100
63 21.4 0.0 35.0
88 16.1 0.0 27.2



#35
Dibromofluoromethane
Concen: 49.515 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY020022.D
Acq: 25 Oct 2024 13:26

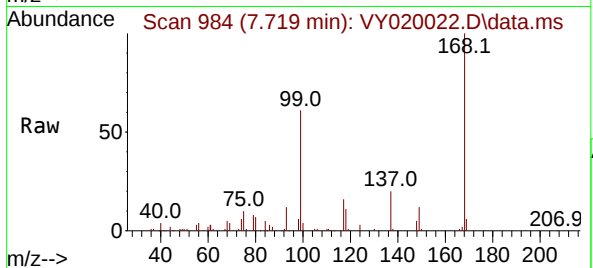
Tgt Ion:113 Resp: 37187
Ion Ratio Lower Upper
113 100
111 104.7 82.2 123.4
192 15.8 15.9 23.9#



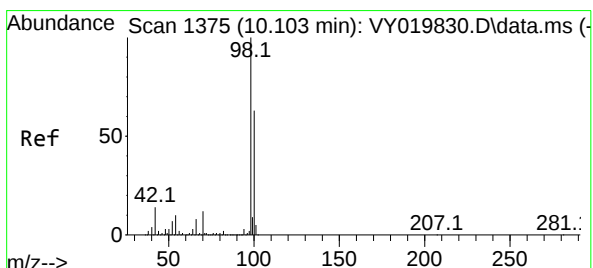
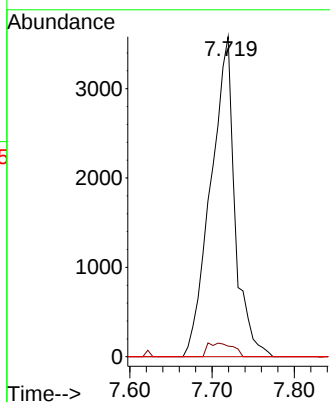
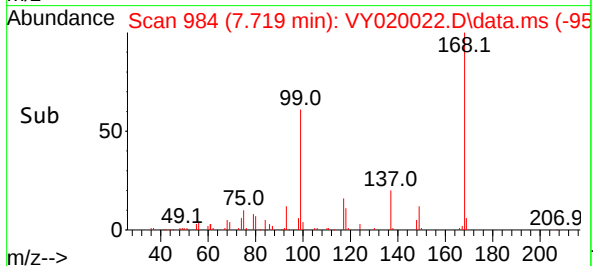


#38
Carbon Tetrachloride
Concen: 6.317 ug/l
RT: 7.719 min Scan# 91
Delta R.T. -0.097 min
Lab File: VY020022.D
Acq: 25 Oct 2024 13:26

Instrument :
MSVOA_Y
ClientSampleId :

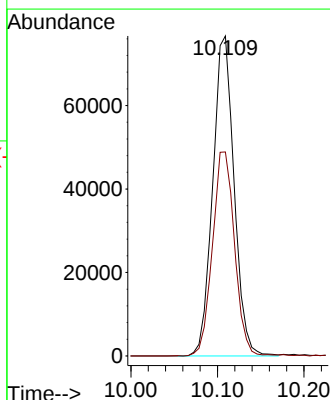
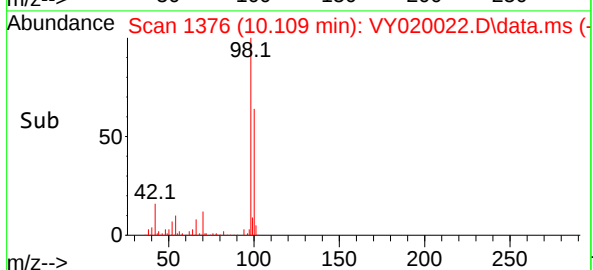
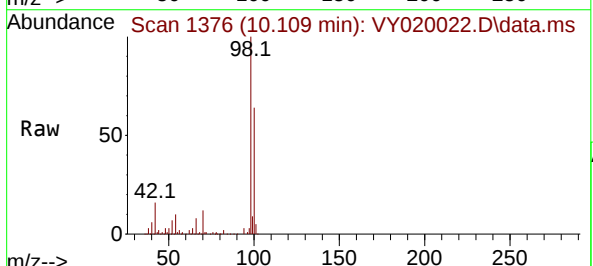


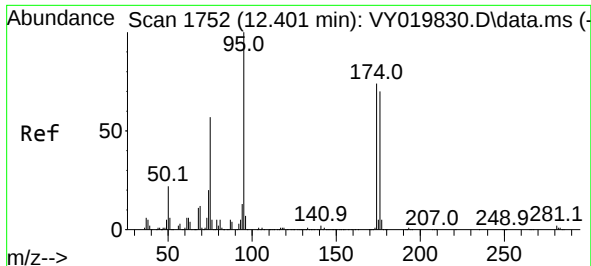
Tgt Ion:117 Resp: 7327
Ion Ratio Lower Upper
117 100
119 3.3 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 47.378 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY020022.D
Acq: 25 Oct 2024 13:26

Tgt Ion: 98 Resp: 131399
Ion Ratio Lower Upper
98 100
100 66.2 52.0 78.0

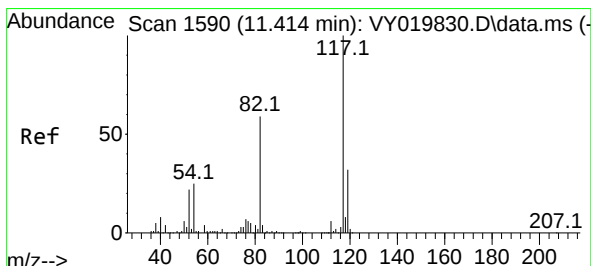
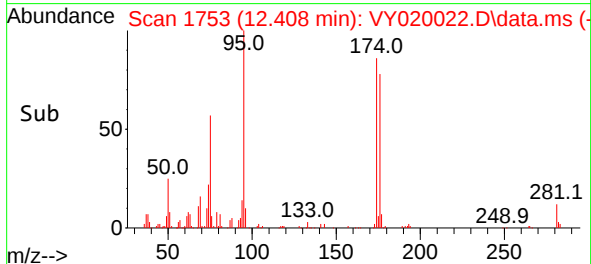
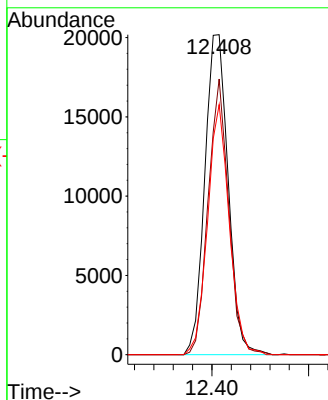
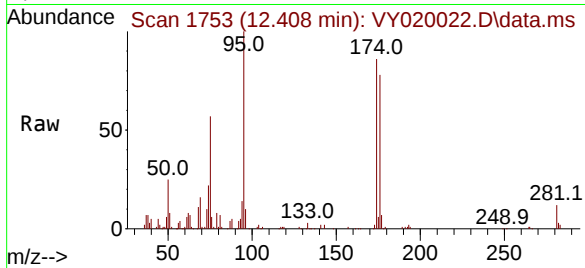




#62
4-Bromofluorobenzene
Concen: 33.819 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020022.D
Acq: 25 Oct 2024 13:26

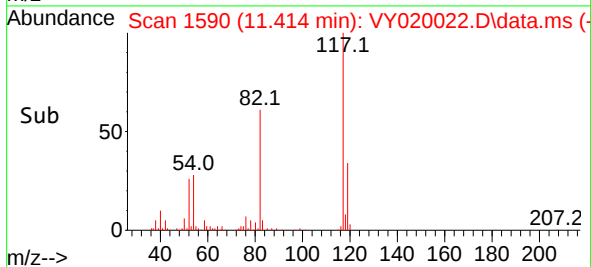
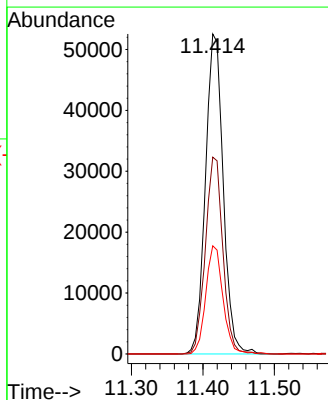
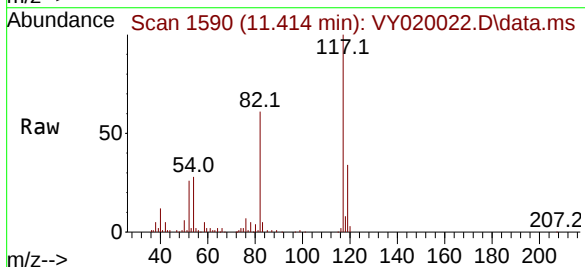
Instrument :
MSVOA_Y
ClientSampleId :

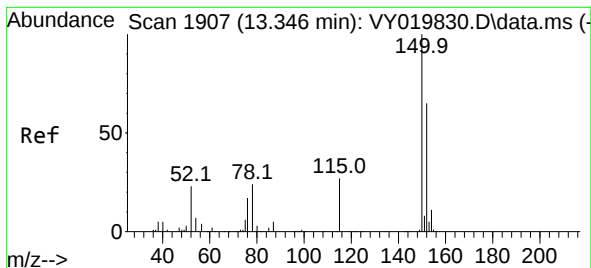
Tgt Ion: 95 Resp: 33891
Ion Ratio Lower Upper
95 100
174 75.6 0.0 175.6
176 72.3 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY020022.D
Acq: 25 Oct 2024 13:26

Tgt Ion: 117 Resp: 90633
Ion Ratio Lower Upper
117 100
82 61.5 42.4 63.6
119 33.8 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

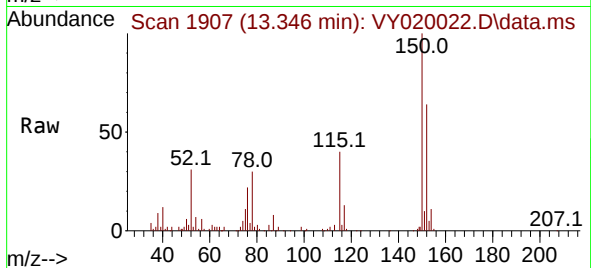
Lab File: VY020022.D

Acq: 25 Oct 2024 13:26

Instrument :

MSVOA_Y

ClientSampleId :



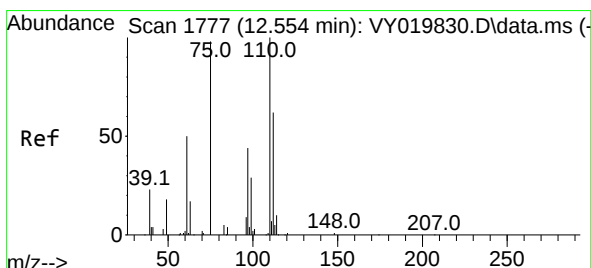
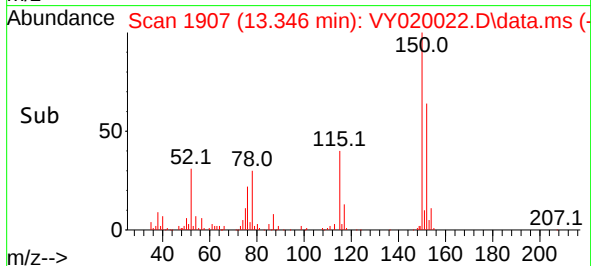
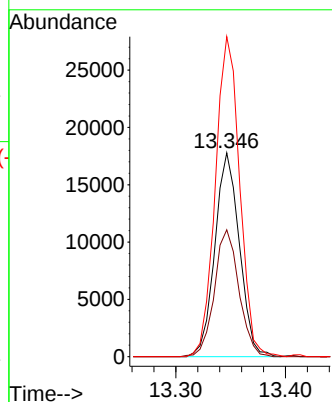
Tgt Ion:152 Resp: 27625

Ion Ratio Lower Upper

152 100

115 62.3 28.2 84.7

150 155.7 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 38.276 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. -0.158 min

Lab File: VY020022.D

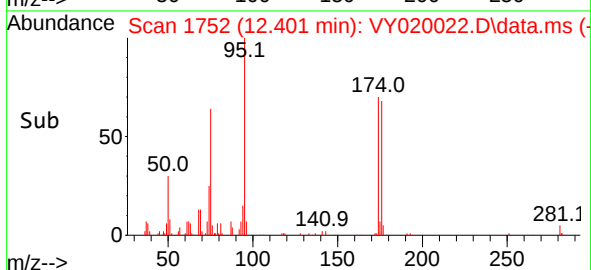
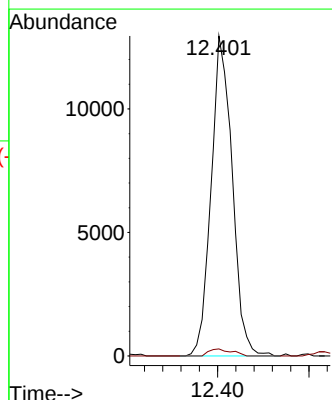
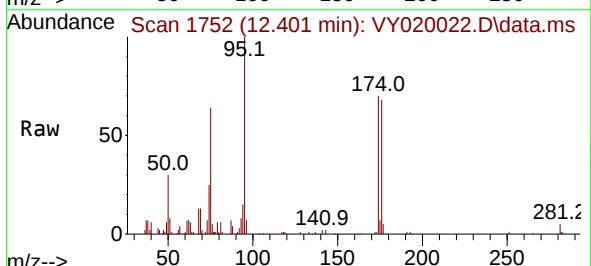
Acq: 25 Oct 2024 13:26

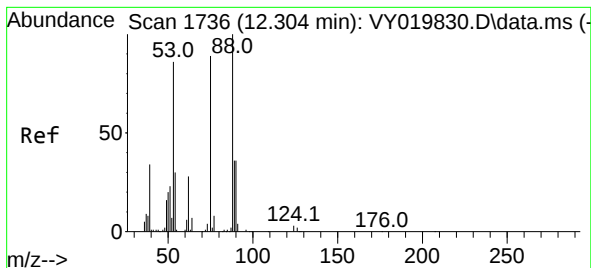
Tgt Ion: 75 Resp: 20714

Ion Ratio Lower Upper

75 100

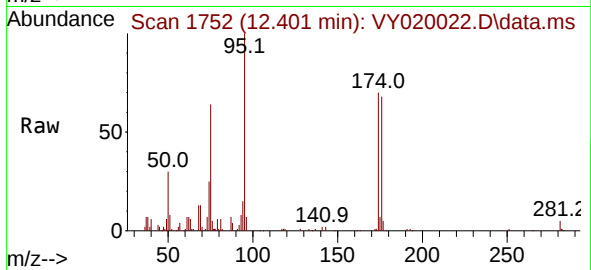
77 2.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 154.497 ug/l
 RT: 12.401 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY020022.D
 Acq: 25 Oct 2024 13:26

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 20714
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.0 35.8 53.6#

